RECORD

Please return to:
Reed C. Rollins
Gray Herbarium
22 Divinity Ave
Cambridge, MA
02138

Tennessee

8301 - Cardamine hirsuta L.
(1) Ca. 5 mi N of Lebanon
Wilson Co. March 4, 1983

8302 - Leavenworthia stylosa Gray
(5) Fls. mostly [illegible], occas. of purple [illegible] Soil over red rock limestone. Common in Castle Heights Military Academy - western edge of Lebanon.
Wilson Co.

8303 - Leavenworthia uniflora (Michx.) Britt.
(1) Acc. 8302. Fls white.

8304 - Leavenworthia stylosa Gray
(2) Fls. light lavender to whitish. Calyx widely spreading. Limestone glade. Rocky Hill, Cl.
Rutherford Co. 3 mi E of Rte 231
Mar 5, 1983

Tennessee

8305- Cardamine hirsuta L.
(3) Edge of field near Stewart Creek, near Sam Davis birthplace. Near Smyrna, off Route 102, Rutherford Co
Mar 5, 1983
petals white

8306- Lesquerella lescurii (Gray) S. Wats.
(2) near Alcott st., greater Nashville, Davidson Co. Tenn., March 6, 1983
petals yellow

8307- Silene virginica (L.) Rollins
(3) near Real Fort airstrip, Real Fort Lake area, Obion Co., Tenn. March 7, 1983
petals ~~yellow~~ white

8308 - Cardamine hirsuta L.
petals white, sepals greenish, erect
(3) near Alcott st., Wilcoxon yard, greater Nashville, Davidson Co., March 8, 1983

Missouri

8309 - Draba brachycarpa Nutt.
(1) Flo. white. Annual Roadside along Route 160, 1 mi N of Everton, Wade County, Mo.
Mar 17, 1983

8310 - Thlaspi perfoliata L.
(2) Flo. white. Along roadside, 3 mi S of Wadenville, Wade Co. Mo.
Mar 17, 1983

8311 - Leavenworthia uniflora (Michx.) Britt.
(6) Petals white. Sepals greenish turning light lavender, loosely erect. Limestone rubble in a cedar glade. 3.6 mi N of ~~Rt~~ Rt 248, between Aurora and Rt 248 Barry ~~Lawrence~~ Co. Mar 17, 1983

8312 - Draba brachycarpa Nutt.
(2) Petals white. Erect. As 8311.

Arkansas

8313 - Draba verna L.
(4) Petals white, bifid. Roadside
Pea Ridge National (Battlefield Monument)
Benton Co. Military Park
March 17, 1983

8314 - Draba cuneifolia Nutt.
(1) Plants few in limestone rubble.
State Route 33, 2 mi E of Grand
River, Mayes Co. Ark.
Mar 18, 1983

Alabama

8315 - Leavenworthia alabamica Rollins var alabamica
(7) ~~Upper~~ Petals white above,
lavender beneath. Wet cedar
glade, 4 mi E of Russellville,
Franklin County
Mar. 22. 1983

Alabama

8316 - Cardamine hirsuta L.
(5) Roadside, cedar glade. Cr 8315. Fls. white.

8317 - Lesquerella lyrata Rollins
(8) Fls. yellow. Red soil in old cedar glade, now a field. S Cherry Hill Crossroads, 5 1/2 mi E of Russellville, near State Rte 24, Franklin Co.
Mar 22, 1983

8318 - Leavenworthia crassa Rollins
Fls. white or yellow. Thin
(5) soil over limestone. Cedar glade, 1 mi E of Massey, Morgan Co.
Mar 22, 1983

Alabama

8319 - Leavenworthia alabamica Rollins, var. brachyptyla Rollins
(11) Fls. white with a yellow center. Abundant in old field, 2 mi E of Lebanon, Morgan Co. Mar. 22, 1983

8320 - Silene virginica (L.) Rollins
(4) Fls. white. Old field. As 8319

8321 - Silene virginica (L.) Rollins
(4) Fls. white. Old field. Along US Rte 72, ~~between~~ between Paint Rock & Woodville Jackson Co Mar 23, 1983

8322 - Draba verna L.
(1) As 8321

8323 - Draba brachycarpa Nutt.
(3) As 8321

Georgia

8324- Leavenworthia exigua Rollins
(10) Flo. white with yellow center. Petals retuse. Cedar glade area near Reed's Ridge Rd. eastern edge of Chickamauga National Military Park, Catoosa Co., Ga.
March 23, 1983

Oklahoma

8325- Dimorphocarpa palmeri (Payson) Rollins
Petals white Sepals purplish
(6) Virgately branched. Sandy soil near I-40, 8 mi E of Texas
Co. Beckham County
June 13 1983

Texas

8326- Yesquerella valifolia Rydb.
Cinder with many branches, subfunctescence subumbellate.
(10) Cedar brake. Grassy hillside. 19 mi E of Groom.
Gray or Co.?
June 13, 1983

Texas

8327 Descurainia sophia (L.) Webb
Roadside near Vega, June 13
(7) Oldham County

8328 - Lesq. ovalifolia Rydb.
Basal leaves obtuse and
(10) rounded Styles prominent
Fruiting pedicels. (M I-40,
13 mi E of New Mexico border
Oldham Co. Tex.
June 14 1983

NEW MEXICO

8329 - Lesq gordonii (Gray) S. Wats.
(7) Fruiting pedicels divaricate, plants
sandy area, 2 miles to
Texas line, Quay Co. NM
June 14 1983

8330 - Dimorphocarpa palmeri (Payson) Rollins
(6) Stems simple or branched
Petals white, pumpkin
Round base Sepals purplish
Sandy area. 3 mi W. of Texas
line, Quay Co.
June 14, 1983

New Mexico

8331 - Lepidium densiflorum Schrad var. ramosum (A. Nels.) Thell.
Branched above, lower leaves
(9) absent. Open grassy area, gentle
slope, San Miguel Co, 5 mi
NW of Trementina, N.M.
June 14, 1983

8332 - Lesq. Tweedyi (Gray) S. Wats.
Perennial, Stems numerous.
(5) Pedicels divaricately ascending
to erect As 8331

8333 - Lepidium densiflorum Schrad. var. ramosum (A. Nels.) Thell.
Apetalous. Stamens 2, usually
(10) branched above Open grassy
area, 33 mi E of Las Vegas,
Route 104, San Miguel Co. N.M.
Near Trujillo June 14 1983

New Mexico

Robbins

5334 - Thelesperma longipedunculatum (Gray)
Petals and sepals lanceolate.
Perennial. Juniper-pinon sandy
(7) area. 31 mi E of Las Vegas.
Route 104. San Miguel Co.
June 14, 1983

5335 - Thelesperma megapotamicum var. tenuifolium (Gray) P.K. Holmgren
Perennial. Plant with tufted
Along Rte 3, 17 miles N of Las
(13) Vegas Mora Co. N M
June 15, 1983

5336 - Tetraneuris linearifolia var. montana (Gray) S. Wats.
Petals yellow, uniseriate
sepals erect. Flowering stems
(20) arising from terminal clusters.
Marbelized linear to subulate
on sheep slope. Near SR 3.
1 mi E of Mora. Mora Co. N M
June 15, 1983

New Mexico

8337 - Draba streptocarpa Gray
Fls yellow Petals unguiculate.
Sepals erect Silique twisted
(8) Perennial Duff of oak thickets
Near SR3, 3 mi SE of Carson Nat Forest
Mora Co. NM

June 15, 1983

8338 - Thlaspi montanum L., var. fendleri (Gray) P. Holmgren
Fls white. Stems numerous
(5) from a branching Caudex.
Talus of steep roadcut.
Near SR3, 3 mi SE of Tres Ritos
Taos Co. June 15, 1983

8339 - Physaria floribunda Rydb.
Stems decumbent arising
below terminal Cluster of
(18) hyrately pinnatifid leaves.
Sepals erect, yellowish. Petals
unguiculate, bright yellow.
Silique becoming pendulous,
inflated Steep talus, roadcut
SR3, 1 mi SE of Tres Ritos, Taos
Co June 15, 1983

New Mexico

8340 - Arabis ~~Fendleri (S. Wats.) Greene var. spatifolia (Rydb.) Rollins~~
Perennial. Petals light purple.
Fruits pendulous. Duff of pine-
(24) scrub oak area. 13 mi SE of
Taos, Carson National Forest
off S.R 3, Taos Co.
June 15, 1983

8341 - Arabis mixture = a. fendleri var spatifolia
Petals pale purple. Perennial
(3) Siliques pendant. Metamorphosed
rocky area. Near pines & junipers.
3 mi N of Trea Piedras, Taos Co
NM off (SR) 285
U.S.
8341a - a. perennans June 15, 1983

8342 - Schoenocrambe linearifolia (A. Gray) Rdl.
Same Locality as 8341

New Mexico

8343 - Lesquerella montana (Gray) S. Wats.
Perennial. Sepals purplish, erect.
(10) Petals yellow. Ca 8341

Colorado

8344 - Erysimum
Cauline leaves at right angle to stem. Sepals erect Petals yellow, unguiculate. Ca 5 mi E of Antonito, Conejos Co.
June 16, 1983

subsp. halictorum (C.Hell.) Rollins
8345 - Descurainia pinnata (Walt.) Britt.
Sepals and petals yellow
(8) Siliques glabrous. Poncha Valley, Ca 8 mi E of Antonito Conejos Co Claylike Soil in Atriplex-Chrysothamnus June 16, 1983
area.

Colorado

8346 - Eriogonum
Cauline leaves ascending.
Atriplex flat, Pueblo Valley.
(5) Ca 18 mi E of Antonito, Conejos
Co. Colo

June 16, 1983

8347 - Descurainia subsp. halictorum (Ckll.) Detling
sinuata (Walt.) B.S.P.
Siliques glabrous, oblong
(5) Cut-Shaped. Growing in
bushes of Atriplex, Ca 8346

8348 - Leavenworthia montana (Gray) S. Wats
Sepals erect, greenish. Petals
yellow, unguiculate.
Siliques scarcely flattened.
(6) Pedicels spreading. Steep
hillside with metamorphosed
rocks. Sandy Soil. 12 mi E
of Antonito, Conejos Co.

June 16, 1983

Colorado

8349 - Descurainia ramosissima Rollins, sp. nov.
Compact. Highly branched.
Siliques oblong, glabrous
Sandy soil mix &350
Foliage greenish. Petals
yellow and spreading but not
unguiculate. 7 mi S of Villa grove
Saguache Co.
June 16, 1983

8350 - Descurainia subsp. halictorum (Cockl.) Detling
pinnata (Walt.) Britt.
Foliage grayish. Siliques
(8) glabrous, slightly club-shaped.
Abundant. Acc 8347

8351 - Iqueidium densiflorum Schrad.
Fls apetalous. Stamens two.
(20) Annual. Acc 8349.

8352 - Lesquerella montana (Barneby) S. Wats.
Perennial. Siliques, slightly
compressed parallel to septum
Sepals erect. Petals yellow
(10) unguiculate. Near US Route
285 at Villa Grove, Saguache Co.
Growing in gravel. June 16, 1983

Colorado

8353 - Lesquerella montana (Bray) S. Wats.
Petals yellowish, drying with a reddish tinge. Siliques very slightly compressed parallel to septum. Stems decumbent. 9 mi. N of Villa Grove, Saguache Co. Rocky spot near Crick US Route 285 June 16, 1983

(8)

8354 - Arabis fendleri (S. Wats.) Greene var. septentrionalis (Rydb.) Rollins
Sepals purplish. Petals erect, pale lavender. Fruiting pedicels arched. Siliques pendulous. Cf. 8353

8355 - Lesquerella montana (Bray) S. Wats.
Sepals greenish. Petals yellow, unguiculate. Siliques slightly compressed parallel to septum. Stems decumbent. Gravelly ridge. Off US Route 285, 11 miles S of Poncha Springs, Saguache Co. June 16, 1983

Colorado

8356 - Arabis fendleri (S. Wats.) Greene var. spatifolia (Rydb.) Rollins
Very gravelly. Near junction
of US Routes 24 and 285.
(3) Chaffee County.
June 17, 1983

8357 - Lesquerella montana (Bray) S. Wats.
Stems decumbent. Sepals
greenish or purplish. Underside
(16) of petals purplish. upper yellow.
Reddish soil on a hill. 9 miles
S of Fairplay, Park Co.
US 285
June 17, 1983

8358 - Halimolobos virgata (Nutt.) Schulz
Stems mostly single. In
(8) gravelly grassy area. 9
mi S of Fairplay, Park Co.
June 17, 1983

Colorado

8359 - Arabis demissa Greene.
Stems several from a simple or branched caudex. Sepals purplish. Petals pale lavender. Siliques pendulous. Abundant grand. As 8358
(18)

8360 - Arabis holboellii Hornem.
Mixture - 8360 and 8361.
As 8358
var. ~~spatifolia~~ retrofracta (Graham) Rydb.
5
(9)

8361 - Arabis fendleri (S. Wats.) Greene
var. spatifolia (Rydb.) Greene.
(3)

Colorado

8362 - Halimolobos virgata (Nutt.) Schulz
Stems single from a flat
rosette. Petals white. Pedicels
(3) divaricate, siliques erect
Gravelly and grassy [illegible]
4 mi S of Fairplay, Park Co
US 285
June 17

fendleri (S. Wats.) Greene var. spatulifolia (Rydb.) Rollins

8363 - Arabis 363, 8364 8365
Neiptuna Arabis drummondii
also present look for
hydrodictyon. Siliques
(7) divaricate from divaricate to
ascending to pendulous
As 8362. Petals purple
below

X a. divaricarpa a. nels.

8364 - ~~Arabis holboellii Hornem.~~
Neiptuna - 8363, 8364, 8365
(4) ~~var. retrofracta (Graah.) Rydb.~~ X

Colorado

8365 - Arales
Nuttuno. 8363, 8364 5365

8366 - Artemisia dennisa Buena
Stems removed from Tuc base. Sepals purplish. Petals light lavender. Gravel, 1 mi S of Fairplay, SR9, Park Co.
(6) June 17, 1983

8367 - Lomatium Montanum (Brayg) S. Wats.
Plants on loose talus & road cut Unmounted
(3) 7 mi E of Buena Vista, Route US 285 Park Co.
June 17, 1983

8368 - Physaria ~~[illegible]~~ Floribunda Rydb.
Pedicels recurved. Roadside in talus & cut. Off US Route 26 mi E of Gunnison, Saguache Co
(8) June 18, 1983

Colorado

8369 - Arabis gunnisoniana Rollins
Petals deep purple. Siliques at right angles to rachis.
(14) Rocky windswept hillside off US50, 7 mi E of Gunnison Gunnison Co.

June 18, 1983

8370 - Arabis pallidifolia n. sp.
Pedicels and siliques divaricately ascending. Petals light purple. Among Sagebrush Steep slope. As 8369
(9)

8371 - Schoenocrambe linifolia (Nutt.) Greene
Perennial. Sepals and petals yellow. As 8369. Sagebrush
(5)

8372 - Arabis perennans S. Wats.
Pedicels widely spreading
Siliques pendulous As 8369
(1)

Colorado

8373 - Physaria rollinsii Mulligan
Compact rosette with decumbent stems. Fls. yellow. Petioles divaricate. Siliques scarcely inflated with a sinus at one end below. High Hill Richard Sapenaro, limestone chips, Gunnison Co
(15)

June 18, 1983

8374 - Arabis crandallii Robinson
Petals light lavender. Sepals purplish. Stems numerous from a branched caudex.
(14) Limestone Chips. As 8373

8375 - Arabis dentissa Greene
Stems few to several. Siliques pendulous. Steep rocky
(8) hillside As 8373

Colorado

8376 - Arabis pallidifolia Rydb
Stems branching from a
musky unbranched caudex.
Petals dark purple. Sepals
(10) erect. Siliques divaricately
ascending. Steep hillside
among rocks and low Sage-
brush. As 8373

8377 - Physaria floribunda Rydb
Basal leaves byrately
pinnatifid to entire. Pedicels
recurving pecurved in age.
Steep hillside 1 mi. NW
of Blue Mesa Dam, State Route
92, Gunnison Co.
June 18, 1983

Colorado

8378 – Physaria floribunda Rydb.
Basal leaves hyrsute, petiolate to nearly entire. Pedicels ultimately reflexed. Sepals and Petals yellow. Unguiculate. Steep hillside in loose granitic soil. 26 mi N of Blue Mesa Dam, Montrose Co. S.R. 92
(5) June 18, 1983

8379 – Arabis salbugia Rydb.
Siliques curved, divaricately ascending. At the base of sagebrush, sandy loam. 2 mi S of Maher, S.R. 92 Montrose Co.
(11) June 18, 1983

8380 – Physaria floribunda Rydb.
Pedicels ultimately reflexed downward. Siliques inflated. Clayey hillside. As 8379
(8)

Colorado

8381 - Stanleya albescens M. E. Jones
Abundant on Atriplex clay flat.
(8) Fls. cream, Siliques ascending
6 mi W of Delta, off US50.
Delta Co. Abundant.
June 19, 1983

8382 - Arabis drummondii Gray
Perennial Sepals greenish or
purplish. Petals white or light
(4) lavender. Off Route CR 13 and 789
16 mi N of Rifle, Garfield Co.
June 19, 1983

8383 - Arabis holboellii var
retrofracta
Stems single from base,
(5) branched above Siliques
strictly reflexed. Sagebrush
hillside, 22 mi N of Rifle,
CR 13 + 789
Rio Blanco Co
June 19, 1983

Colorado

8384 - Alyssum desertorum. Stapf
Roadside weed Petals yellow.
(4) Cr 8383

8385 - Descurainia subsp. brachycarpa (Richardson) Hultén
Pinnata (Walt.) Britt.
Pedicels at right angles to the
rachis. Siliques linear.
(4) Steep hillside dominated
by juniper. 6 mi S of
Meeker, Jeff CR 13 + 789. Rio
Blanco Co.

June 19, 1983

8386 - Thysanocarpus acutiplicatus Rydb.
~~acutiplicatus Rydb.~~
Leaves entire, with a broad
rounded lobe. Pedicels mostly
(3) ascending. Siliques modestly
(5) inflated with a prism above
and below. Open ground on
steep hillside dominated by
juniper. Cr 8385

Colorado

var. *spathulatum* (Robinson) C.L. Hitchc.

5387 - Lepidium Montanum Nutt.
Sub shrubby Basal leaves
deciduous to entire. Petals white.
(9) Steep Gravelly hillside.
mi 3 of Hamilton to CR 13 and 789
Moffat Co.
June 11, 1985

5388 - Thlaspi arvense L.
Field weed. 9 mi S of Hamilton.
(4) off CR 13, Moffat Co
June 19 1985

5389 - Cuminum tenella (Pallas) DC
(4) Fls. deep magenta. Field weed
as 5388.

with Scott Peterson, Karen Wiley-Eberle
and Dieter Wilken

5390 - Physaria obcordata
Caudex branched Yellow green
Stems erect to slightly
decumbent among leaves
a fascicle of erect leaves
Sepals yellowish, spreading
at right angles during
anthesis Petals yellow

Colorado.
Silques inflated with petals deciduous
Valves inflated
unequal sides
unequalate. On sleep slope with fine chip rock. T2S, R97W, Sec 9, SW of SE quarter Rio Blanco Co

June 20, 1983

8391 - Thelypodiopsis elegans Sepals erect. Sepals + petals pale lavender As 8390.

(8)

8392 - Physaria acutifolia Rydb. Silques inflated. Sinus obtuse and Yellow. Tongue of N. Green River Formation. T2S R97W, Sec. 4, SW of the NE¼, the NE¼ Rio Blanco Co.

(2)

June 20, 1983

8393 - Physaria obcordata Rollins Basal leaves acute. On bottom of small ravine near 8392. Same locality

(5)

Colorado

8394 - Lesquerella congesta Rollins
Scapes erect. Green River
(14) shale, near top of ridge
As 8392.

8395 - Lesquerella parviflora Rollins
Stems decumbent. Perennial.
Sepals yellowish, spreading
at anthesis Petals yellow.
(20) In shale of very steep slope,
Cathedral Bluffs T3S, R99W,
Sec 19, SE¼. The NW¼ Rio Blanco
Co.

June 20, 1983

8396 - Physaria acutifolia Rydb.
Sepals erect to slightly spreading
7.8 air mi WNW of junction of
(2) Ryan Gulch and Piceance
Creek, Rio Blanco Co

June 20, 1983

Colorado

8397 - Arabis ~~retroja Rydb.~~ lignifera A. Nels.
Stems several arising below terminal cluster of leaves. Pedicels ascending Siliques nearly pendulous. Juniperous bluff in pinion-juniper area. As 8396.
(12)

8398 - Stanleya pinnata (Pursh) Britt.
Sub-shrub with woody base. Stems several to numerous. Sagebrush and juniper foothills in clay soil. Off CR 64, 24 mi W of Meeker, Rio Blanco Co
(5)

June 21, 1983

8399 - Cordylanthus ~~ramosus~~ cracticaulis (Tor.) S. Wats.
Petals lavender. Stems moderately inflated. As 8398.
(3)

Colorado

83100 – Orobus lignifera A. Nels.
Pedicels and pods arched
(4) downward. Plants purplish.
As 8398

83101 – Physaria acutifolia Rydb.
Perennial. Siliques inflated.
Sinus present above and below.
As 8398

83102 – Stanleya pinnata (Pursh) Britt.
several
Stems numerous from a
ligneous base. Lower leaves
entire. Clay Hills, 3 mi NW
of Rangely, Rio Blanco Co.
June 21, 1983

83103 – Physaria acutifolia Rydb.
Siliques moderately inflated
Sinus present above & below.
As 83102
(6)

Colorado

83104 - Lepidium var. georgianum (Rydb.) Lasiocarpum Nutt.
Ejectaforma. Stamens two. Highly branched. Sandy area off County Route 65, 3 mi N of junction with CR 64. Rio Blanco Co

June 21, 1983

83105 - Glyptium deserturum Stapf
Highly branched. Semi-Spherical tent (2) Lic 83104

83106 - Lepidium var. austrinum (Wooton) Hitchc. montanum Nutt.
Petals white. At Rio Vista of Sagebrush Sandy knoll. 7 mi N of junction of CR 64 and 65, off CR 65 Rio Blanco Co.

June 21, 1983

83107 - Descurainia subsp. filipes (Hook) Detling pinnata (Walt.) Britt
Sagebrush - juniper area High hills N of White River, T3N, R100W, Sec. 31 Rio Blanco Co Co 15 mi. E of Rangely.

June 22, 1983

Colorado

83108- Physaria acutifolia Rydb.
Foliage leaves spatulate, either acute or rounded. Siliques with a sinus above and below. Moderately inflated. As 83107
(5)

83109- Streptanthus cordatus Nutt.
As 83107
(4)

83110 - Arabis lignifera A. Nels.
Siliques pendulous As 83107
(2)

Utah

83111- Thelypodiopsis elegans (Jones) Rydb.
Stems single from the base, branched above. Sepals and Petals many light lavender to white. Steep clay hillside. Off US Route 40, 1 mile E of Duchesne, Duchesne Co.
(6)
June 23, 1983

Utah

83112 - Physaria acutifolia Rydb.
(12) Siliques moderately inflated
Sepals present above and below.
Growing in clay rock. As 83111,

83113 - Lesquerella rubicundula Rollins
(6) Pedicels divaricately ascending.
Nearly straight. Cauline either
simple or branched. Growing in
clay rock. As 83111.

83114 - Arabis pulchra var pallens M.E. Jones
(18) Siliques pendent. Plants
woolly at base. Growing in
sagebrush. Sagebrush-
juniper area. As 83111

83115 - Arabis lignifera A. Nels.
(8) Siliques pendulous. Pedicels
widely spreading. Clay
derived from Shaley area
Petals erect purplish.
Grass Hollow, off US Route
191, 21 mi SW of Duchesne,
between Duchesne & Price
Duchesne Co

June 23, 1983

Utah

83116 – Arabis holboellii Hornem. var. retrofracta (Graham) Rydb.
Stems usually single. Siliques strongly reflexed. Pedicels pendent. Petals erect, purplish.
Same as 83115

83117 – Physaria reponda Rollins
Stems numerous, decumbent
Plants rosulate except on
(11) steep road cuts. Siliques inflated, Steep road cut.
Claylike soil 2½ mi SW of
Duchesne off US Route 191
Duchesne Co

June 23, 1983

83118 – Aralia racemosa (L.) Scop. var. glabrata T. & G.
Perennial. Separate pistillate
Pale white Pedicels erect
(6) Grassy Swale. 7 mi NE of
Castle Gate, 1 mi N of US Rte
191. Carbon Co

June 23, 1983

Utah

83119 - Arabis drummondi Dreng
Perennial. Sepals greenish erect
(4) Sagebrush and grass zone
As 83118.

83120 - Arabis holboellii Hornem.
var. pinetorum (Tides.) Rollins
Perennial. Sepals erect,
(8) purplish. Siliques varying
mixture from divaricately ascending to
long loosely pendulous. Sagebrush.
As 83118.

83120a Arabis divaricarpa A. Nels.
(1)

83121 - Arabis lignifera A. Nels.
Stems several arising below cluster
& terminal leaves Perennial
(8) Sepals purplish. Petals lavender
Pedicels and siliques pendulous.
Sagebrush area, slightly drier
site than 83119 and 83120.
As 83118

Utah

83122 - Lesquerella montana (Gray) S. Wats.
Stems decumbent among tuft of terminal leaves. Gravelly
(8) areas in Sagebrush Zone. As
83118.

83123 - Lepidium var. jonesii (Rydb.) C.L. Hitchc.
montanum Nutt.
Hemispherical pad. Shrub up
to 2 ft. across. Junction of
SR 10 and 132, Carbon Co.
(6) June 23, 1983

83124 - Stanleya pinnata (Pursh) Britt.
Lower leaves pinnatifid. Lobed
Silques curved downward.
(9) Juniper Area in reddish
clay-like Soil. On road to
ranger station. Fishlake
National Forest, 1 mi W of
Richfield, Sevier Co.
June 24, 1983

Utah

83125 - Physaria chambersii Rollins
Plants pomulate Seliques
highly inflated Valves straight
(3) sided and angular with
Concave distal portion. Co
83124

83126 - Malcolmia africana (L.) R. Br.
Weedy, along roadside.
(4) Co 83124

83127 - Streptanthella longirostris (S. Wats.) Rydb.
Sandy soil. On road to
(8) Pleasant Valley Station - Fish Lake
National Forest, 1/2 mi W of
Richfield, Sevier Co
June 2d. 1933

83128 - ~~Physaria~~ Cardaria draba (L.) Desv.
Weed. Co 83127

(3)

Utah

83129 - Caulanthus
Growing in clay and white chip rock. Stems not inflated. On road to ranger station, Fish-Lake National Forest, 3 mi W of Richfield, Sevier Co.
June 24, 1953

83130 - Arabis lignifera A. Nels.
Perennial. Pedicels nearly at right angles to rachis. Siliques pendulous One plant only. Under juniper steep slope Acc 83129

(2)

83131 - Descurainia subsp. filipes (Gray) Hedling
Pedicels and siliques nearly spreading Siliques blunt pinnata (Walt.) Britt.
Under junipers. Acc 83129

(4)

Utah

83132 - Physaria chamberlinii Rollins
Rosulate. Stems decumbent.
Siliques angular Valves
with depressed outer margin,
(10) 4-angled. Siliques strongly
inflated Mixture of white
clay and clay rock. Steep
hillside. As 83129.

83133 - Arabis holboellii Hornem.
var. pinetorum (Tides.) Rollins
Pedicels and siliques
reflexed Sagebrush-juniper
(5) area, 4 mi W of US 89 at
road to Ranger Station,
Fishlake National Forest,
Sevier Co

June 24 1983

83134 - Arabis holboellii Hornem.
var. retrofracta (Graah.) Rydb.
Pedicels and siliques strictly
(3) reflexed. As 83133

Utah

83135 - Arabis pendulina Greene

Stems several, arising below terminal fascicle of basal leaves. Siliques pendulous. Pedicels more or less at right angles to rachis. Crevices of metamorphosed rocks, usually in shade of junipers or pinon pine. 7 mi. W of US89, off road to ranger station, Fishlake National Forest, Sevier Co. June 24, 1983

(12)

83136 - Physaria chambersii Rollins

Rosulate. Sepals erect, greenish. Petals yellow. Siliques inflated, angular. Sinus above usually deeper than the one below. Juniper - mountain mahagony - pinon zone. Soil derived from metamorphosed rocks. As 83135.

(6)

Utah

83137 - Lesquerella utahensis Rydb.
Stems pereval, decumbent, arising below erect leaves. Sepals yellowish-green, Petals yellow, unguiculate. Siliques slightly compressed parallel to septum. Perennial. Growing Sagebrush hillside. 7½ mi W of US 89, off road to ranger station, Fishlake National Forest Sevier Co.
(12)

June 24, 1983

83138 - Arabis lignifera A. Nels.
Perennial with a woody root. Stems pereval arising below terminal cluster of erect leaves. Pedicels arched downward. Siliques pendent. Growing in middle of broad sagebrush. Gentle slope Acc 83137
(2)

Utah

83139 - Arabis pendulina Greene
Stems reversed to numerous, arising below a sessile tuft of erect leaves. Pedicels widely spreading. Siliques arched downward. Rocky knoll in sagebrush area. Off US Route 89 ca 1 mi South of Mammoth, Piute Co.
(6)

June 24, 1983

83140 - Lepidium densiflorum Schrad. var. macrocarpum Mulligan
Branched from base to apex. Apetalous. Stamens 2. 4 miles SW of Panguitch, off road to Panguitch Lake, Garfield Co.
(10)

June 25, 1983

83141 - Descurainia pinnata (Walt.) Britt. subsp. halictorum (Ckll.) Detl.
Foliage grayish. Highly branched beginning near base. Sepals and yellowish tips. Petals pleasing. Sepals Stamens erect. Siliques similar to 83140.
(8)

Utah

83142 - Arabis fendleri (S. Wats.) Greene
Stems one to several. Pedicels widely spreading. Siliques widely spreading to ascending. As 83140.
(5)

83143 - Arabis holboellii Hornem. var. pinetorum (Tides.) Rollins
Pedicels and siliques pendulous. Stems usually single. As 83140
(3)

83144 - Arabis fendleri (S. Wats.) Greene
Perennial. Stems usually single. Pedicels and siliques widely spreading. Petals erect, purplish, rarely exceeding Calyx. Sagebrush slopes, among sagebrush. S end Southmost of Panguitch, Garfield Co
(8)

June 5-5, 1983

Utah

83145 Arabis pendulina Greene
Stems several, arising below
forming cluster of erect leaves.
(16) Pedicels arched downward
Siliques pendulous, blunt.
Gravel and rocky ridge with
Sagebrush 9 mi SW of Panguitch.
Garfield Co. June 25, 1983

83146 - Descurainia subsp. halictorum (Cockl.) Detling
pinnata (Walt.) Britt.
Highly branched foliage
(4) grayish. Petals yellow. Under
Pinon pine on a rocky hilltop
As 83145.

83147 - Arabis holboellii Hornem.
var. pinetorum (Tidestrom) Rollins
Stems usually single. Cauline
leaves revolute Pedicels arched
(12) downward Siliques pendulous
Ledges of granitic rock. Ponderosa
pine forest. Off road from
Panguitch to Panguitch Lake,
14 miles SW of Panguitch.
Garfield Co
June 25, 1983

Utah

83148 – Thlaspi montanum L.
On pine duff. Co 83147
(4)

83149 – Arabis pendulina Greene
Crevices of rocks & ledges
(4) widely spreading. Siliques
pendulous, tetrad. Co 83147.

83150 – Lesquerella wardii ?
Stems several, slender,
Pedicels erect, slightly sigmoid
(22) Siliques slightly compressed
[parallel] to septum. Sepals
erect, greenish-yellow Petals
yellow, unguiculate. limestone
cliffs, ridge bordering Panguitch
Lake on the south, Garfield Co.
June 25, 1983

18 mi SW Panguitch

septum doesn't show this
5-7 ovules per locule

Collection distributed as L. wardii

Utah

83151 - Arabis fendleri (S. Wats.) Greene
Stems one or few Basal leaves
glabrous erect reduced middly
spreading. Siliques pendent.
(3) Sagebrush area near Panguitch
Lake Co 83150.

83152 - Lesquerella wardii S. Wats.
Stems numerous, pubescent,
arising below terminal cluster
of leaves. Sepals greenish-yellow,
(18) erect Petals yellow, unguiculate
fruiting pedicel suberect.
Silique compressed contrary
to Septum. Lava rock flat
2 mi SW of Panguitch Lake, ca
20 mi SW of Panguitch, Garfield Co
June 25, 1983

83153 - Draba nemorosa L.
Moist meadow like area near
stream. One plant. 8 mi SW
(1) of Panguitch Lake, ca 26
mi SW of Panguitch, Garfield
Co.

June 25, 1983

Utah

83154 - Lesquerella **Wardii S. Wats.**
Stems decumbent, arising
(9) Siliques compressed contrary
to septum Granitic rocks and
gravel, exposed ridge, As 83153.

83155 - Draba subalpina **Boodman & Hitchcock**
Tufts up to 3 inches in
diameter. Caudex usually
branched. Sepals greenish.
Petals pure white. Reddish-
(12) clayline soil, N of N entrance
to Cedar Breaks National
Monument, near Utah Hwy 143.
Iron County

June 25, 1983

Amendment

Utah

83156 - Lesquerella intermedia (S. Wats.) Heller
Perennial. Stems erect. Sepals greenish-yellow. erect. Petals yellow. unguiculate. Gravelly area dominated by yellow pine and sagebrush. Gentle slope. 3 mi east of US 89, Ca. 12 mi. N. of Panguitch, Garfield Co.
June 26, 1983
(13) Cauline present or branched

83157 - Erysimum capitatum (Dougl.) Greene
Biennial or perennial. Stems usually single. Basal leaves erect. As 83156.
(5)

83158 - Arabis pendulina Greene
Stems perennial. Among yellow turf of erect greenish leaves. Pedicels arched downward. Siliques pendulous. Sepals legal purplish. Petals purplish. In duff under pines. As 83156.
(9)

Utah

83159 - Arabis perennans S. Wats.
Stems few, arising below
terminal cluster of erect leaves.
(8) Pedicels ascending. Siliques pendulous, growing
in pairs diff. Perennial. Co. 83156

83160 - Descurainia subsp. brachycarpa (Richards.) Dettling
pinnata (Walt.) Britt.
Stems single from base
(6) branched above. Co 83156.

83161 - Arabis schistacea Rollins
Perennial with a woody root
Stems erect, arising
terminal tuft of erect leaves.
(17) Pedicels ascending
Siliques pendent. Sepals
purplish Petals white. Gentle
slope with low sagebrush.
Plants growing among low
sagebrush. 6 mi east of
US 89, turnoff Co 17 miles N
of Panguitch Garfield Co.
June 26, 1923

Utah

Isoquimia typed title Mt'l Form 5

83162 – Thelypodium sagittatum (Watt.) Endl.
subsp. ovalifolium (Rydb.) Al-Shehbaz
Stems single, Sepals greenish white, erect, petals paired, white, unguiculate. Stamens barely projecting above Sepals.
(10) Near Antimony Creek, 7 mi E of Antimony, Garfield Co. up to 4ft high June 26, 1983
Det. Ihsan Al-Shehbaz

83163 – Caulanthus glaber (Jones) Rydb.
Perennial up to 3 ft. high Stems becoming inflated. Calyx greenish-yellow, glabrous Petals
(9) brownish with a white margin Steep clay and limestone chips in a pinon pine zone. Calyx urn-shaped As 83162.

83164 – Lesquerella intermedia (S. Wats.) Heller
Sepals erect, greenish yellow. Petals yellow, unguiculate. Pedicels nearly straight, widely
(5) divaricate Siliques slightly elongated, not compressed. Silvery slope. Pinon pine area. As 83162.

Utah

83165 - Streptanthus cordatus Nutt.
Perennial. Cauline leaves perfoliate
(5) Calyx urn-shaped, brownish
purple. Shaley hillside, pinon
pine area. As 83162.

83166 - Arabis perennans S. Wats.
Stems several, slightly
decumbent at base, arising
(14) below terminal rosette of basal
leaves. Sepals and petals
purple. Steep shaley slope.
As 83162

83167 - Arabis perennans S. Wats.
(6) Growing in duff of pinon
pine. As 83162. Possible
mixture with 83166.

1-70h

83168. Lesquerella rubicundula Rollins
Caudex usually branched, elongated
Steep slope in pine duff or red
Chip rock, Red Canyon, 13 mi W
(10) of entrance to Bryce Canyon.
Garfield Co. Petals lemon yellow.
Erect not unguiculate June 27, 1983
Type locality.

83169 - Physaria lepidota Rollins
var. membranacea (Rollins) Rollins
Siliques highly inflated.
Angular, with a concavity on the
outer portion of the valve.
(8) Growing in red chip rock, steep
slope. Deep pink above, none
below As 83168

83170 - Lesquerella intermedia (S. Wats.) Holler
Perennial. Stems reverse &
Numerous. Plants in the open
(6) dense with erect stems. Plants
with protection more spreading
and with decumbent stems.
Rocky knoll and slope, 3 mi
N of SR12 on road to Antimony
Garfield Co
June 27, 1983

Utah

83171 - Draba subalpina Gordm. & Hitchcock
Perennial with one to several tightly disposed rosettes. Pedicels divaricately ascending to widely spreading, straight. Gravelly soil.
(16) As 83170 Petals white.

83172 - Arabis pendulina Greene
(8) Perennial, stems several arising below terminal cluster of erect leaves, pedicels widely spreading, siliques pendulous.
as 83170

83173 - Physaria lesquerella Rollins
var. membranacea (Rydb.) Rollins
Stems erect, arising among basal leaves. Sepals slightly spreading at full anthesis, yellowish-green. Petals yellow, unguiculate. Reddish clay soil on the margin of a wash, in a ponderosa pine area 7 miles SE of turnoff to Pine Lake Resort road between Bryce Canyon and Antimony
(11) Garfield Co June 27, 19[illegible]

Utah

83174- [illegible] subalpina Goodman & Hitchcock
Perennial. Petals white, Sepals purplish. Shade of fir. As 83173.
(10)

83175- Lesquerella ~~pulvinundula~~ hitchcockii Munz
Caudex branched Siliques reddish above. Brownish clay and chip rock Summit of small peak. 1 mile W of Henderson Canyon Lookout, 3.2 mi S of Pine Lake. Garfield Co.
(9)
June 27, 1938

83176- Physaria lepidota Rollins ~~var membranacea Rollins~~
Siliques inflated, 4 angled depressed on exterior surface 4 valves. Margin of valve half-moon in shape deep sinus above and shallow sinus below. Fruiting plants on steep slope growing in light colored clay and shale. Flowering plants growing
(6)
mixture

Utah

a Pleaps bank in Wash
5.5 E of Alton, Kane Co.
June 28, 1983

83177 - Arabis microphylla Nutt.
Cushion branched. Stems clustered
Pedicels divaricately ascending
(8) Siliques arched. In duff under
juniperus Steep hillside of mtn
E of Alton, Kane Co.
June 28, 1983

83178 - Arabis perennans S. Wats.
Perennial. Stems few arising
(3) from clumps of perennial
leaves. Siliques arched as
#177.

83179 - Caulanthus glaber (Jones) Rydb.
Caulyt mem pleated, greenish,
glabrous. Steep whitish
(2) clay and shale, pinon
juniper area 1 mi W of
Alton, Kane Co.
June 28, 1983

Utah

3180 - Physaria lepidota Rollins
Stems erect arising among ascending basal leaves. Siliques highly [illegible] with a deep sinus above and a shallow sinus below. (14) Whitish - Shale and clay. Siliques 4-angled with sharp, almost Kiel-like angles. As 83179. Sepals loose, curved upward.

3181 - Physaria lepidota Rollins
Stems several to numerous arising among basal leaves. (7) Siliques 4-angled, angles acute. Sinus above open, deep. Sinus below shallow. Road cut on white clay. 3 mi W of jct Hy US 89 + SR 14, Kane Co.

June 28, 1983

Utah

83182 - Aquilegia pendulina Greene

Stems pruinose below a cluster of erect leaves. Pedicels at right angles to rachis. Sepals arched downward & calcarate. Chip rock, open flat, ponderosa pine area. Ca. 3 mi W of jct & SR14 + US89. Kane Co.

(10)

June 28, 1983

83183 - Thermopsis lepidota Rollin

Stems, not pruinose, with erect leaves. Sepals greenish yellow, loosely ascending at anthesis. Petals yellow, unguiculate. Flat top of steep bank 9 mi. SW jct of US89 & SR14 Post off SR14. Kane Co

(8)

June 28, 1983

Utah

3184 X Arabis divaricarpa A. Nels.
Perennial. Petals purplish. Pedicels divaricately ascending. Siliques divaricately ascending. Straight
(3) appearance in a ponderosa pine forest. 10 mi SW of jct US 89 & SR 14. road off SR 14. Kane Co.
June 28, 1983

3185. Arabis drummondii Gray
Perennial. Petals white. Pedicels and siliques strictly erect.
(3) Note: No other species of Arabis found in area. Cf #3184.

3186 - Lesquerella rubicundula Rollins
Caudex branched underground. Siliques barely emergent above leaves. Red clayish soil, knolls,
(12) west west of US 89, 8 miles S of Hatch, Garfield Co. near Kane Co line.
June 29, 1983

Utah

83187 - Draba subalpina Gandoger & Hitchcock
Foliage reddish. Cs 83186
(4)

83188 - Lepidium montanum Nutt. var. montanum
Perennial. Very crayfish knoll.
(3) 43 mi. S of Garrison. Alt SR21
Juab Co.

June 30, 1983

NEVADA

83189 - Arabis pendulina Greene
Perennial. Stems pencil
arising below terminal cluster
(2) of erect leaves. Seliques pendent.
Crevices of moderately steep rock.
NR. Wheeler road, 4 mi from
Visitors Center, Lehman Cave
National Monument. White
Pine Co

June 30, 1983

83189a
mixture with a. pendulina
(1)

Nevada

83190 - Arabis holboellii Hornem. var. pinetorum
Stems usually purple. branched above Petals purplish. Under Cercocarpus. Siliques pendulous.
(9) Co 83189.

83191 - Arabis perennans S. Wats
Stems usually perennial. arising below terminal cluster of erect leaves. Pedicels widely spreading Siliques pendent. Under pinons and junipers Co 83189

83192 - Draba aurea Vahl
7th yellow. Siliques erect becoming twisted. Growing in duff over limey Chip-rock. 6.5 mi from Visitors Center, Lehman Caves National Monument, White Pine Co.
(14) 9500 ft. June 30, 1983

2nd Wheeler Road

Nevada

83193 - Arabis perennans S. Wats.

83194 ~~83195~~ Collection of Arabis including all types from limestone chips in a cedar - Cercocarpus area. Cf 83192.

(11)

Arabis holboellii Hornem. var. retrofracta (Graham) Rydb.

83196 - Physaria chambersii Rollins

Stems numerous, arising below a terminal rosette, rosulate to ascending leaves. Siliques inflated, angular but not keeled. Stems pubescent both above and below. Steep hillside in juniper - pinon area near Steptoe Creek. 1.5 mi E & jct of US93 and Steptoe Creek Road. Stones documentation White Pine Co.

(10)

July 1, 1983

Nevada

83197 - Coulantheus glaber (Jones) Rydb.
Stems usually single, modestly
(7) inflated Calyx glaucous, urn
shaped yellowish green. Co
83196.

83198 - Lepidium var. georginum (Rydb.) Hitchc.
Annual Highly branched
(4) beginning near base Clayish
Soil, roadside Co 83196

83199 - Arabis perennans S. Wats.
Radicals rarely spreading
Siliques arched downward
(9) Lip rock (limestone) and lime
talk crevices. Top of a ridge,
7.5 mi E of jct of US 93 and
Steptoe Creek Road, White
Pine Co.

July 1, 1983

Nevada

83200 - Lomatium nudicaule (Pursh) Coulter & Rose
Clay Soil among Sagebrush
(3) Co 83199 Phlox verticalis

83201 - Arabis pendulina Greene
Stems several arising below
clusters of basal leaves. Pedicels
(13) widely spreading, Siliques
pendulous. 12 mi E of Jct
US93 and Steptoe Creek Road
White Pine Co.
July 1, 1983

83202 - Arabis X divaricarpa A. Nelson
Stems one to few. Pedicels
divaricately ascending. Sepals
(5) purplish to purplish green.
Siliques divaricately ascending.
Fin-Concave pl[illegible] about
[illegible] ft Shell Creek Range
Ca 2 mi W of Steptoe Creek
road, Shell Creek Range
approx 12 mi E of US93
White Pine Co
July 1, 1983

Nevada.

83203 - Arabis holboellii var. pendulocarpa
Stems one or few, erect. Sepals purplish - brown. Petals erect white. Siliques pendulous. Windswept area of a high ridge Ca 10,500 ft As 83202.
(13)

83204 - Draba oligosperma Hook.
In crevices of metamorphosed rock. high ridge. Ca 83202
(7)

83205 - Cardamine breweri S. Wats.
Leaves pinnately lobed Pedicels and siliques ascending. Sepals green. petals white. 1.3 mi E of US 93 at Steptoe Creek Road. White Pine Co.
(4)
July 1, 1983

Nevada

83206 - Abronia californica (Bong) Schultz
Moist meadow. As 83205.
(4)

83207 - Heuchera rubescens Torr.
Perennial. Crevices of cliff
(2) 1.3 mi E of US93 and Sleeper
Creek Road, White Pine Co
July 1, 1953

83208 - Penstemon humilis Nutt. ex Gray
Fls purple As 83207
(1)

83209 - Draba pennellii Robbins
Plants matted in rock crevices
(19) of a vertical cliff. Scapose.
Sepals greenish, Petals pale
white, unguiculate As 83207

83210 - Draba incerta Payson
Matted in shade of cliff
(11) & cliff crevices Sometimes
growing with 83209. As
83207. Petals light yellow.

Nevada

subsp. integrifolia (Boiss.) Breistr.

53211 - Eremica elongata Elias
Roadside weed. 2 mi S of Ely
White Pine Co.

(6)

July 1, 1983

53212 - Stanleya elata M. E. Jones
Perennial. Stems one to several
from base. Cauline leaves
reduced upwards. Absent.
32 mi SE of Fallon. Up to 5 ft
tall. Churchill County.

Off Route 50

July 2, 1983

53213 - Streptanthus tiehmii Rollins
Type locality. Basal leaves
collected from a deep mat
wedged between metamorphosed
rock of volcanic origin.
Southwestern open gentle hill
slope. 6.1 mi N of Hwy 50
on road to Talapoosa Peak.
Lyon Co.

(9)

July 3, 1983.

Nevada

83214 - Arabis **pubemula** Nutt.
83215 - Stems one or few from base, often branched above. Radicle cauline leaves petioled. Siliques strictly reflexed. Clay rock of volcanic origin, metamorphosed. Talapoosa Peak, 8 mi N of Hwy 50, Lyon Co.

(27)

Virginia Range

July 3, 1983

83216 - Streptanthella **tiehmii** Rollins
Stems one to many from simple a branching caudex. Caudex covered with old leaf bases. Inflorescence generally widely branching. Stems up to 2½ ft. high. Steep rocky hillside. Rocks metamorphosed volcanic rocks. 5.4 mi N of Hwy 50 on the Ramsey Road Lyon Co.

(20)

July 3, 1983

Nevada

3217 - Orobus pubescens Nutt.
Stems single, branched above.
Pinon juniper area. Virginia
Range, Five Mile Flat area,
(6) just W of State Hwy 17 to Va. City.
Washoe Co.

July 3, 1983

3218 - Polyctenium williamsiae Rollins
Perennial. Sepals green.
(3) Petals white fading to purplish.
Strand of shallow lake. Type
locality. Leaves grayish.
Washoe County.

July 3, 1983

3219 - Polyctenium williamsiae Rollins
Sandy soil. Deep-rooted
perennial. Foothills of the
(4) Virginia Range, east of
Washoe Lake, on the fringe
of a small pond. T17N, R20E,
Sec 16. Virginia City Quadrangle.

July 3, 1983

Nevada

83220 - Phoenicaulis cheiranthoides Nutt. in T. & G.
Rocky area, summit of
(1) Peavine Mt. Among Sagebrush
Washoe Co.
July 4, 1983

83221 - Arabis pulchra Nutt.
Stems woolly near base. Siliques
reflexed and recurved. A
(3) specimen of rust was
collected on 83221
Puccinia thlaspeos C. Schub.
Det. N. H. Pfister

83222 - Phyllodoce breweri (Gray)
Foliage gray-green. Stony
(1) wash near seepage
Sagebrush area, Peavine
Mt., SE side. Washoe Co
July 4, 1983

Nevada

83223 - Eriogonum capitatum (Dougl.) Greene
Perennial Sepals Creet yellowish-green. Petals unguiculate, pink yellow Rand tips purple. Stems purple. On granitic soil. pine area. W of Mt Rose Ski Lodge on Mt Rose Hwy. Sierra Nevadis, Carson Range. Washoe Co.
(6)
July 4, 1983

83224 - Arabis sparsiflora Nutt. var. subpilosa (S. Wats.) Rollins
Stems one or sometimes two Silques and pedicels arched downward. A. holboellii var. retrofracta is micinly ? drummondii not found.
(2)
Galena Creek Park
off Mt Rose Hwy Washoe Co
July 4 1983

83225 - Arabis rectissima Greene var. simulans Rollins, var. nov.
Pedicels + siliques strictly reflexed. As 83224
(2)

California

83226 - Arabis sparsiflora Nutt. var. subvillosa (S. Wats.) Kellm.
Pedicels at right angles to rachis.
Siliques arched. Jeffrey pine
(9) forest, growing in duff.
Alvone Laufman Forager Station
Plumas National Forest, Lassen Co.
4.5 mi E of Hwy 395.
July 5, 1983

83227 - Arabis rectissima Greene
Pedicels and siliques sharply
reflexed. Old burn in Pinus
ponderosa forest. Three species
of Arabis present: A. bolbodeia
var retrofracta, A. sparsiflora
var subvillosa and A. rectissima.
(6) 2 mi S. of Eagle Lake Sanjynes Lassen Co.
July 5, 1983

Lassen Co. #1
Found

83228 - Arabis ~~bolbodeia Howell~~ sparsiflora Nutt. var. subvillosa
~~var. pinetorum (Tidestr.) Roll.~~
Iava field, 1 mile north of
(3) Eagle Lake, Lassen Co
July 5, 1983

California

83229- Rorippa curvisiliqua (Hook.) Bessey
Prostrate perennial. Apetalous
Sepals yellowish. Wet mucky soil
(13) at edge of pond. Pine forest area,
above Widow Valley, ca. 3 mi E of
Day, Modoc Co.

July 6, 1983

83230- Thelypodium howellii S. Wats.
subsp. howellii
(14) perennial; sepals greenish to purplish-green,
erect; petals whitish to very pale bluish; siliques
erect. native plant
Pasture near Tule swamp,
Bates Ranch, ca. 3 miles NE of MacArthur,
Shasta Co. July 7, 1983

Det. ahram al-Shehbaz

OREGON

83231- Arabis holboellii var. pinetorum (Tidestr.) Rollins
Hormem.
Stems single from the base.
Branched above. Pedicels
widely spreading. Siliques
(6) arched downward. Metamorphosed
rocky area, Off US 395, 1/2 mi SW
of Wagontire, between Fakeview
and Riley, Harney Co.

July 8, 1983

IDAHO

83232 - Mesoxandra richardsonii (Sweet) Schulz subsp. viscosa (Rydb.) Dorn
Sandy area, Keen jct. Old Warren Steamboat Creek.
Stems single, simple or branched above
(2) Pedicels nearly at right angles to slightly ascending.
2.4 mi SW of Warren, Idaho Co.

July 9, 1983

83233 - Arabis holboellii var retrofracta
Siliques strictly reflexed.
(4) Growing in vicinity of A. drummondii (83234) and A. divaricarpa (83235). As 83232

83234 - Arabis drummondii Gray
Siliques strictly erect.
(4) Growing in vicinity of 83233 and 83235. As 83232

Idaho

(1) 3235 - Draba divaricarpa
Pedicels widely spreading to slightly recurved. Siliques loosely descending. Growing in vicinity of 3233 and 3234. As 3232.

(9) 3236 - Draba albertina Greene
Stems erect, one or few from base. Pedicels widely spreading. Siliques nearly erect. Sandy soil under willows. As 3232

(22) 3237 - Draba aphanocarpa Macbride & Payson
Stems numerous from a compact cluster of shoots. Scapose. Pale yellow. Siliques sulcate. Pedicels divaricately ascending. Straight. Loose plants in shade of willows. Rocks and fine talus. As 3232.

Idaho

83238- Descurainia sinap. incisa (Engelm.) Betting richardsonii (Sweet)
Stems single, often branched above 7½ yellow. Pedicels (4) widely spreading to slightly ascending. Siliques linear. Near Warren Creek, east of Warren, Idaho Co.
July 9, 1983

83239- Draba sphaeroscarpa Maguire & Payson
Caudex branched Stems erect, numerous 7½ yellow. Fruiting (8) pedicels soil near granitic outcrops. Across from Warren airstrip. ½ mi. W of Warren, Idaho Co.
July 9, 1983

83240- Arabis microphylla Nutt.
Perennial. Caudex branched, (16) Sepals and petals purple Petals lacer. Pedicels strongly divaricately recurved Siliques divaricate. Roadcut of Secesh Cliff. North fork of Lake Fork Road between Meadow + Yellow Pine Valley Co
July 10, 1983

Co. 1 mi S of Secesh Rock

Idaho

3241 - Lepidium virginicum L. var. medium (Greene) C. L. Hitchc.
Petals white. Single stemmed
(1) annual. growing in rock rubble.
Co. 83240.

3242 - Descurainia subsp. incana (Bernh.) Dietrich richardsonii (Sweet) Schulz
Sepals and petals yellow. Pedicels
straight. divaricately ascending.
Siliques linear. growing in rock
rubble. Co 83240.

3243 - Draba albertina Greene
Pedicels widely spreading, straight.
(3) Siliques divaricately ascending
to erect. growing in rock rubble
Co 83240.

3244 - Physaria geyeri (Hook.) Britton var. purpurea Rollins
Stems numerous arising
below flat rosette of entire
leaves. Siliques not inflated.
Steep hillside in sandy soil.
20 mi NW of Yellow Pine, Valley
Co.

July 10, 1983

Draba

83245 - Draba sphaerocarpa Macbride & Payson
Dense tufts in marly soil, Steys Creek, 0.6 Mi N of Knieval Ranger Station near South Fork of Salmon River, Valley Co
(6)
July 12, 1983

83246 - Draba sphaerocarpa Macbride & Payson
up to 6 inches across
Dense percushion with a many branched underground caudex. Stems slender, leafless
(23)
Sepals green, erect. Petals yellow, erect, unguiculate Siliques slightly inflated. Steys marly bank, 0.6 mi N of Rocks Creek, Valley Co.
July 11, 1983

83247 - Draba sphaerocarpa Macbride & Payson
Caudex highly branched. Stems scapose. Sepals green, petals yellow,
(20)
unguiculate. Siliques inflated. In fine gravel of granitic origin. Near South Fork of Salmon River, 0.5 mi W of Johnson Creek, Valley Co.
July 11, 1983

Idaho

83248 - Rorippa curvisiliqua (Hook.) Bessey var. procumbens Stuckey
Prostrate perennial. Fls. yellow.
Grazed area near south fork of
Salmon River. As 83247.

83249 - Arabis microphylla Nutt. var. saximontana
Siliques and pedicels widely
spreading. Chip rock near
low saddle. (Willow Creek
Summit, 7,160 ft. Between
Challis and Mackay, off US
Route 93. Custer Co.
July 12, 1983

83250 - Lesquerella carinata Rollins
Perennial. Fruiting plants
Prostrate, erect - yellow
terminal cluster of entire
leaves. Siliques 4 angled
Growing in rubble near
Shaley rocks. As 83249

Idaho

§3251 – Draba oligosperma Hook

(3) Pulvinate cmong rocks. Ca §3249.

§3252 – Arabis sparsiflora Nutt. var. subvillosa

(1) Possible hybrid. Sawtooth area. Hwy 75 at Hwy 93, Custer Co July 12, 1983

§3253 – Arabis holboellii var. retrofracta

(4) Related to Sawtooth Arabis holboellii. Ca §3252.

§3254 – Arabis holboellii Hornem. var. holboellii

(10) Perennial. Stems single with a woody root. Upper leaves simple? Petals simple. Siliques loosely reflexed. Seep bank. Some Sawtooth rubble. 6.1 mi from jct of US 93 and Hwy. Pattenson road, off Hwy. Pattenson road Custer Co. July 12, 1983

Idaho

83255 - Arabis williamsii Rollins var. saximontana Rollins comb. nov. ined.
Usually
Perennial. Stems single. Sepals purplish brown. Petals purple to lilac. Pedicels divaricately ascending. Siliques erect. Steep hillside and ground of stream bed. As 83254.

83256 - Jonquenella carinata Rollins
Perennial. Sepals yellowish. Erect. Petals yellow, unguiculate.
(6) Flowering material on wet bank. Fruiting material on dry bank. As 83252.

var. pendulocarpa (A. Nels.) Rollins
83257 - Arabis holboellii Hornem.
Perennial. Stems one or few from a simple or few branched Caudex.
(12) Pedicels widely spreading to slightly descending. Siliques pendent. Ground in open area Double/spring Pass, 8,318 ft. Custer Co.

NE of U.S. Hwy 93 ca. half way between Challis and Mackay

July 12, 1983

Idaho

83258 - Arabis microphylla Nutt. var. saximontana
Perennial. Stems usually single
Peduncle and reflexed divaricately
(8) ascending, Open knolls at
Doublespring Pass. Acc 83257.

83259 - Draba oligosperma Hook.
In dense clumps High ridge
(2) 3.7 mi NE of Doublespring
Pass, Custer Co.
July 12, 1983

83260 X Arabis divaricarpa A. Nels.
Perennial. Stems usually single
Peduncle widely spreading to
(5) slightly ascending. Sepals Brownish purple Petals
purple Soil derived from
gray rock, Hillside Double-
spring Pass. 8,318 ft. Custer
Co.
July 12, 1983

Idaho

83261 - Arabis holboellii Hornem. var. retrofracta
Perennial, Pedicels and siliques
(4) strictly reflexed Growing with
83260. A. drummondii not found
in immediate vicinity but seen
about 2 miles away. Co 83260.

83262 - Arabis lemmonii (A.) Berg. var. glabrata T. & R.
Sepals greenish white Petals white.
(2) growing under Cercocarpus.
Co 83260.

83263 - Draba hitchcockii Rollins
Dense cluster of rosules Stems
(14) several to numerous Pedicels
nearly erect. Siliques strongly
flattened parallel to septum.
Steep slope in grayish soil
and chip rock near mouth
of Elbow Canyon, ca. 12 mi
E of Mackay Butte Co
July 12, 1983

Idaho

83264 - Draba oligosperma Hook.
Growing in vicinity of 83263.
(2) As 83263.

83265 - Arabis lignifera a. nelsonii.
Pedicels widely spreading.
(1) Siliques arched downward.
As 83263.

83266 - Schoenocrambe linifolia (Nutt.) Greene
Stems several. Sheep trails
Salmon River Mts. Mill Creek Canyon, 9 mi NW of
Challis, Custer Co.
(9) July 13, 1983

83267 - Arabis subsp. divaricarpa (Rydb.) Dutton
richardsonii (Sweet)
O.E. Schulz
Branched beginning near base.
Pedicels at right angle to
rachis. Linear siliques
(7) descending. Sepals and petals
yellow. Meadow near Mill
Creek, mi NW of Challis.
Between Challis and Custer.
Custer Co.
July 13, 1983

Idaho

83268 - Arabis drummondii Gray
Perennial. Siliques strictly
(4) erect. As 83267.

83269 * Arabis divaricarpa A. Nels.
Stems single. Pedicels and
siliques at right angles to
(8) rachis. Grown in same area
as A. drummondii and A. Hoboellii
Sepals purplish. Petals purple.
As 83267

83270 - Arabis Hoboellii var retrofracta
Siliques strictly reflexed.
(2) Grown with 83268 and 69.
As 83267.

83271 - Arabis Lyallii S. Wats.
Perennial. Sepals greenish Petals
purple. Lodge pole pine area.
(2) Rocks and open. Case-
Hull Creek Summit. 8794.
Custer Co.
July 15, 1983

NE of Challis

Idaho

83272 X Arabis divaricarpa A. Nels.
(3) Pedicels and siliques widely spreading. Sepals purplish brown. As 83271.

83273 - Lepidium virginicum L. var. medium (Greene) Ostenf.
(9) Stems single, branched above. Petals white. Ca 5 mi NE of Cascade, at mouth of Mill Creek Canyon at base of steep south slope on Reddish Soil Custer Co. July 13, 1983

83274 - Sisymbrium linearifolium L.
(9) Moist shade. Near Warm Creek Campground. 7.5 mi E of jct of May-Peterson and Monte Creek Rds. Custer Co. July 13, 1983

83275. Descurainia subsp. virescens (Rydb.) Detling richardsonii (Sweet) Schulz
Ca 83274.

Idaho

83276 - Arabis holboellii Hornem var. retrofracta
Holboellian-like material with strongly reflexed siliques.
(8) In vicinity of population of A. divaricarpa and A. drummondii
As 83274.

83277 X Arabis divaricarpa A. Nels.
Sample of large population with
siliques ranging from
divaricately ascending to
(12) arched downward, growing
with A. drummondii and near
A. holboellii. As 83274.

83278 - Arabis drummondii Gray
Siliques erect. Perennial.
(3) Growing with 83276 and
83277. As 83274

Idaho

var. pycnocarpa (Hopkins) Rollins

83279 – Arabis hirsuta (L.) Scop.
Siliques erect Under Shrubs
(7) in Shade. Co 83274.

83280 – Arabis sparsiflora Nutt. var. subvillosa
Pedicels at right angles to
rachis or weakly arched.
(10) Siliques curved. Steep Sagebrush
hillside near Stanley Creek.
5 mi NW of Stanley.
Co

July 14, 1983

83281 – Draba trichocarpa Rollins n. sp.
Densely rosulate in clumps
up to 11" in diameter. Siliques
(16) flattened parallel to septum.
Stems scapose. Coarse Sand
and gravel rocks, whitish on a
steep slope of a knoll 6.5 mi
NW of Stanley, Stanley Creek
Road, Custer Co.

July 14, 1983

Idaho

83287 - Lesquerella prostrata A. Nels.
Fertile stems prostrate, arising below Cluster of ascending leaves
(17) Pedicels nearly straight. Siliques very slightly compressed parallel to septum, ovate in outline.
As 83281.

83283 - Physaria n. sp. aff. eriocarpa
growing with 83281 & 282.
(3) As 83281.

83284 - Physaria var. purpurea Rollins gooseii (Hook.) Brayg
Fruiting stems prostrate arising below a rosette of entire leaves. Pedicels widely spreading. Somewhat sigmoid.
(8) Siliques compressed contrary to septum. Type slide of soil derived from basaltic rocks.
1 mi W of Custer, Custer Co.
July 14, 1983

Idaho

83286 - Descurainia subsp. procera (Rollins) Detling richardsonii (Sweet) Schulz
Stem several from the base. Siliques erect. Gravel talus (5) near a creek. On road Towards Fr. from Sulphur... Peak Ranger Station of No Return Wilderness area, 1.5 mi N of jct. of road to Custer and Wilderness area road, Custer Co.

July 14, 1983

83256 - Descurainia subsp. procera (Rollins) Detling richardsonii (Sweet) O.E. Schulz
Stem single, branched above Pedicels and siliques divaricately ascending. Roadside in rocky rubble. .5 mi N of jct. of road to Custer and Ranger of no Return Wilderness area, on E of N.R.W.A. road, Custer Co. (4)

July 14, 1983

Idaho

#3287 – Thlaspi n. sp.
Tufted perennial. Basal leaves
entire. Stony flat with low
sagebrush, low Lupinus and
(17) Orthocarpus. Off road to Cape
Horn & Canyon Knapp Creek
and Valley Creek, Ca. 16 mi
NW of Stanley. Custer Co.
July 15, 1983

#3288 – Lomatium cuneifolium (Hook.) Berneg var. procumbens Studley
Perennial. Principal stem
nearly prostrate. Highly
(10) branched. Sepals and petals
yellow. Near Dry Creek,
Sandy Soil. ca #3287

#3289 – Thlaspi montanum L. var. montanum
Stems several to numerous
from a branching caudex.
(6) Sepals greenish yellow, petals
white. Steep slope rocky area
near Germania Creek, Custer
Co.

July 15, 1983

Idaho

83290 - Arabis holboellii var retrofracta
(3) Petals light lilac. Siliques strictly reflexed. Growing with 83291 and 83292. Ca 83289.

83291 - Arabis lemmoniana Gray
(2) Perennial. Flowers white. Siliques strictly erect. Growing with 83290 and 83292. Ca 83289.

83292 - Arabis sparsiflora Nutt. var. subvillosa
(5) Perennial. Peduncles and siliques widely spreading. Siliques curved. Growing with 83290 and 83291. Ca 83289

83293 -
Numerous roots from a thick caudex. Very steep slope. Ca 83289. Above snow bank.
Ca 18 miles NW of Stanley

83294 -
Rhizome vertical. Roots not easily seen. Very steep slope above snow bank. Ca 83289.

Idaho

83295 - Bellevue
Near Salmon River at entrance
to Salmon National Forest.
Off US93. Lemhi Co.
July 16, 1983

MONTANA

83297

83296 Arabis divaricarpa A. Nels.
Large population at edge of road.
Siliques partially ranging from
loosely pendulous to
divaricately ascending. Sepals
greenish. Petals purplish.
Chief Joseph Pass. T. 2 41 R 7. at
Continental Divide, Ravalli Co.
July 16, 1983

83298 Arabis divaricarpa A. Nels.
(12) Perennial. Pedicels and Siliques
divaricately ascending. Large
migrant population 24 caged for
one plant which has pedicels
and siliques widely spreading
in granitic soil. Copper Creek Road
Ravalli Co.
July 16, 1983

MONTANA

83299 – Arabis Macrophylla A. Nutt.
Caulescent biennial. Stems several
to numerous. Pedicels and
siliques divaricately ascending.
(14) Sepals and petals purple
(N) and shade of Taupe
Metamorphic rock. High
Pinnacle above Wolf Camp
Creek Road, Bitterroot Mountains
Ravalli Co

July 16, 1983

83300 – Lesquerella humilis Rollins n. sp.
Stems few to several, procumbent,
arising among the leaves.
(12) Sepals erect, greenish yellow.
Petals yellow, unguiculate
Siliques flattened contiguous to
Septum Steep hillside of
metamorphosed rock
outcropping the summit of
St Mary's Peak, Ravalli Co
July 17, 1983

Bitterroot mts

with Klaus Lackschewitz & Peter Lesica

MONTANA

83301 - Arabis lyallii S. Wats

Stems few from a woody base. Caudex branched. Sepals and petals deep purple. Rocky slope below Humboldt pinacs, about 500 ft. below summit of St. Marys Peak. As 83300.

(3)

83302 - Smelowskia calycina subsp. americana (Regel.) Hrmy & Rollins (Steph.) Cal. major

Abundant in crevices of rocks, Near and at the summit of St Mary's Peak. As 83300. Petals white, unguiculate. Pedicels and siliques erect. As 83300.

83303 - Draba incerta Payson

Caudex highly ramified. Plant often matted but in dense clusters. In crevices of rocks. Summit of St Marys Peak. As 83300.

(10)

Montana

83304 – Draba daviesiae (C.L. Hitchc.) Rollins
Matted perennial. Sepals yellow.
Petals yellow, unguiculate
Crevices of rocks, ca 83300.

83305 Draba longocarpa Rydb.
Petals white Tufted perennial
(2) Stems scapose crevices of
rocks. at Summit.

83306 – Draba paysonii variabilis
Petals yellow. Siliques nearly
(6) divergent from basal rosette.
Crevices of rocks near
summit. ca 83300.

83307 – Draba
subvinata. Sepals yellowish.
Petals yellow fruiting branches
(8) scapose. Crevices of rocks.
primarily below the summit
ca 83300.

Montana

83308 - Descurainia subsp. nelsonii (Rydb.) Detling pinnata (Walt.) Britt.
Pedicels and siliques divaricately ascending Reddish grayish soil
near US Hwy 1[illegible], 21.5 mi W of Anaconda, Granite Co.
July 16, 1983

83309 - Descurainia subsp. viscosa (Rydb.) Detling richardsonii (Sweet) Schulz
Up to 3 ft. tall Stems branched above, As 83308
(6)

83310 - Erysimum cheiranthoides L.
Stems spread from the base Branched above As 83308
(5)

83311 - Alyssum alyssoides (L.) L.
Petals yellow Growing in and near stream As 83308
(6)

83312 - Rorippa curvipes Greene
Petals yellow Siliques curved slightly upward to nearly straight
Growing in stream As 83308

Montana

83313 - Descurainia subsp. incana (Rydb.) Dorn
richardsonii (Smith) O.E. Schulz
Reduced and reliquum widely
spreading to divaricately
ascending. Flats of fine alluvium,
Flint Creek Range, 21 mi
west of Anaconda, Granite Co.
July 19, 1983

83311 - Rorippa var. glabrata (Lowell) Maria-Viet.
palustris (L.) Besser
Decumbent, stems up to 3 dm
(3) long. Rocks along margin of
Lake, 15 mi N of
Silver Springs, Park Co.
July 19, 1983

WYOMING

83315 - Arabis lyallii S. Wats.
Steep rock slide, below
summit of Clay Butte,
(1) Park Co.
July 19, 1983
S.E of Cooke City, Montana

Wyoming

6331 6 - Arabis kennedyi S. Wats.
Woody at base Peduncles
spreading at right angles
from rachis. Siliques
(2) widely spreading and
slightly curved On top of
Clay Butte, bare spots.
As 6 3315

6331 7 - Draba aurea Vahl
Sepals greenish. Petals
(2) yellow. Step slope below Clay
Butte. As 6 3315

6331 8 - Draba cana Rydb
Perennial Stems one a few
Peduncles and siliques erect
Sepals greenish. Petals white
(10) Step slope below summit
of Clay Butte As 6 3315
Possible mixture

Wyoming

83319 - Smelowskia subsp. americana (Rydb.) Drury & Rollins
calycina (Steph.) C.A. Mey.
(2) In crevices of rock. Approaching Summit of Clay Butte, Park Co. Wy 83315.

83320 - Draba apiculata C.L. Hitchcock
(2) Perennial. In open clay area on top of Clay Butte, Wy 83315

83321 - Draba paysonii Macbride
(2) Dense clumps up to 3" in diameter. Steep scree-like slope in clay. Near summit of Clay Butte Wy 83315.

83322 - Draba combined with 323
Dense clumps. Steep slope below summit of Clay Butte. Wy 83315.

Wyoming

83323 – Draba incerta Payson
Depressed tufted perennial. Steep slope below summit of Clay Butte.
(8) As 83315.

83324 – Draba oligosperma Hook.
Pulvinate clumps up to 2" in diameter. Below and on summit of Clay Butte As 83315.
(11)

83325 – Draba albertina Greene
Petals yellow. As 83315.
(5)

83326 – Erysimum lemmonii S. Wats.
Fls purple. Plants woody at base. Siliques widely spreading. Growing in rock outcrops 2 mi NW of Brooks Lake, at base of slope below cliffs. Fremont Co.
(4) July 21, 1983

Wyoming

83327- Stanleya viridiflora Nutt.
Sepals reflexed Buds and
petals greenish yellow. Red
(9) clayliked soil 27 mi NW jct of
Routes 26 and 287, Fremont Co
July 22, 1953

83328 - Cordania pubescens (C.A. Meyer) Jarmolenko
Perennial. Fls. white. is 2-21.
(5)

83329 - Stanleya
Heavy clay soil hillside
15 mi NW of Ft Washakie
Fremont Co
July 22, 1953

83330. Physaria wyomingensis Rollins
Decumbent stem ascending
(2) below terminal rosette of
leaves. Ovary narrow pinna
above, none below Ca
83329.

Wyoming

3331 – Physaria wyomingensis Rollins
Red soil. Near State Hwy 28
(3) 18.4 mi SW of Lander, Fremont Co.
July 22, 1983

3332 – Lesquerella alpina (Nutt.) S. Wats.
Siliques uncompressed to
(3) slightly compressed at apex
as 3331.

COLORADO

3333 – Lesquerella montana (Gray) S. Wats.
Stems reclined to numerous
among lobes of rosette
(11) leaves. Pedicels sigmoid
Siliques elongated, scarcely
compressed. Open granular
area. 1/4 mi S of Fairplay, Hwy
65 285, Park Co.
July 24, 1983

Colorado

83334 - Halenia elobosa virgata (Nutt.) Schulz
(12) Stems usually single from rhizomes above subtending leaf. Petals divaricately ascending (as 83333)

83335 - Cardamine cordifolia Gray
Sepals yellowish-green. Petals white, unguiculate. Small spring near road, 6 mi E Cottonwood Pass, Chaffee Co. July 24 1983
(5)

83336 - Draba grayana (Schulz) C. L. Hitchc.
Densely tufted Sepals greenish Petals unguiculate, yellow.
(2) Steep hillside growing with Draba oligosperma, D. lucana and D. aurea. Above Cottonwood Pass, ca 1a500 ft. Chaffee Co.
West of Buena Vista July 24, 1983

Colorado

8337 - Erysimum perenne
Stems few to several Sepals
(10) and petals deep magenta
Pedicels divaricately ascending
Siliques erect Ca 83336.

8338 - Descurainia subsp. procera (Rydb.) Detling richardsonii (Sweet) Schulz
Stems usually single
Cauline leaves erect Pedicels
(5) and siliques strictly erect.
Ca 83336, but growing in a
protected spot. Ca 12,500 ft or more

8339 - Draba cana Rydb.
Perennial. Sepals greenish.
(8) Petals white, unguiculate
Ca 83336

8340 - Draba aurea Vahl
Perennial, Stems one to several.
Leaves mostly pinnate Sepals greenish yellow.
(9) Petals yellow, unguiculate.
Ca 83336

Colorado

83341 – Smelowskia calycina (Steph.) C.A. Meyer
densely tufted among rocks.
Sepals purple. Petals pale
white, unguiculate.
(8) Ar 83336.

83342 – Draba spectabilis Greene
Perennial. Stems one or two
from base. Sepals erect
greenish. Petals yellow
unguiculate. 10 mi N of
Crested Butte on the Schofield
Pass Road, Gunnison Co.
(18) July 25, 1983
Dr. I. Aprunca
Kimgomentions

83343 – Physaria alpina Rollins
Stems prostrate, arising
below a rosulate cluster of
leaves. Sepals greenish yellow.
Petals bright yellow, unguiculate
(15) at full anthesis. Siliques
narrow open
with a deep to broad sinus
above and with no sinus
below. Most mature siliques
round only modestly
inflated. Seeds

Colorado

[illegible] whitish chip rock or
platey ground. East and
above Camp Creek Pass,
ca 12,600 ft Summit Co.
July 25, 1953

83344 - Draba **lonchocarpa** Rydb.
Perennial. Tufts up to 3" in
diameter Stems filiform,
reversed to numerous. Petals
white. Pedicels divaricately
ascending. Siliqua erect.
Rock Crevices. Ar 83343.

83345 - Lepidium **bourgeauanum** Thell.
Petals minute, white
Near US Hwy 285, 1.5 mi W
of Grant, Park Co.
July 26, 1953

70.1

Property
of
Wilson Junior